

DEPARTMENT OF PUBLIC WORKS

Mayor:
CAROLYN G. GOODMAN

City Council:
STEVEN D. ROSS (Mayor Pro-Tem)
LOIS TARKANIAN
RICKI Y. BARLOW
STAVROS S. ANTHONY
BOB COFFIN
BOB BEERS

City Manager:
ELIZABETH N. FRETWELL

Director of Public Works:
DAVID N. BOWERS, P.E., P.T.O.E.

City Engineer:
ALLEN E. PAVELKA, P.E.

Funded By:
CITY OF LAS VEGAS



GILMORE CHANNEL TRAIL

Reviewed By:

Allen Pavelka 5-3-16
CLV CITY ENGINEER DATE

Michael Sturdivant 05.03.16
CLV PROJECT MANAGER DATE

J. Wadsworth 5/4/16
CLV CITY TRAFFIC ENGINEER (Acting) DATE

Ellen 5/3/16
CLV CONSTRUCTION MANAGER DATE

Ariana Ariana 04/28/16
SOUTHWEST GAS CORPORATION Ariana Ariana DATE

Veronica Figueroa 5/12/16
CENTRAL TELEPHONE COMPANY DATE

d/b/a CENTURYLINK
THE AFFIXED CENTURYLINK NEVADA APPROVAL DOES NOT ASSUME OR GUARANTEE LIABILITY FOR KNOWN OR UNKNOWN CONFLICTS WITH EXISTING OR PROPOSED IMPROVEMENTS. RESOLUTION OF ANY CONFLICT WILL BE ACCOMPLISHED PURSUANT TO LOCAL ORDINANCES, NEVADA REVISED STATUTES AND/OR PUBLIC UTILITY COMMISSION STANDARD REGULATIONS.

Karoly Glover 5-2-16
COX COMMUNICATIONS LAS VEGAS, INC. DATE

Patricia 5-2-16
NV ENERGY - DISTRIBUTION DATE

NV ENERGY ACKNOWLEDGES THAT WE HAVE RECEIVED YOUR PLANS AND WILL PROVIDE SERVICE TO ALL ELECTRICAL NEEDS ASSOCIATED WITH THIS PROJECT. NV ENERGY RESERVES THE RIGHT TO ADDRESS ANY EXISTING OR FUTURE CONFLICTS ONCE THE FINAL DESIGN IS COMPLETED. THE NEW SERVICE AND THE RESOLUTION OF ANY CONFLICTS WILL BE ACCOMPLISHED PURSUANT TO THE NEVADA PUBLIC UTILITY COMMISSION'S RULES AND REGULATIONS.

David Bowers 5-2-16
NV ENERGY - TRANSMISSION DATE

APPROVED FOR CONSTRUCTION
David J. Morfale
LAS VEGAS VALLEY WATER DISTRICT ENGINEERING SERVICES MANAGER
DATE: 5/2/16 PROJECT# 124503
SHEETS: CV, GN

THE SIGNATURE ABOVE ACKNOWLEDGES THAT THE UTILITY COMPANY REPRESENTATIVE HAS REVIEWED THE PLANS, AND THAT TO THE BEST OF HIS OR HER KNOWLEDGE THE UTILITY LINES ARE SHOWN IN THE CORRECT LOCATIONS AND ARE THE CORRECT SIZES. WHILE SUCH DATA HAS BEEN COLLECTED WITH REASONABLE CARE, THERE IS NO EXPRESSED OR IMPLIED GUARANTEE THAT THE LOCATIONS ARE EXACT. THE CONTRACTOR SHALL BEAR THE RESPONSIBILITY OF OBTAINING THE ACTUAL FIELD LOCATIONS.

THE SIGNATURE ABOVE FURTHER ACKNOWLEDGES THAT THE UTILITY COMPANY DOES NOT ANTICIPATE CONSTRUCTION OR MAINTENANCE IN THE PROJECT AREA FOR FIVE (5) YEARS IN CONFORMANCE WITH THE CLV NO-CUT POLICY.

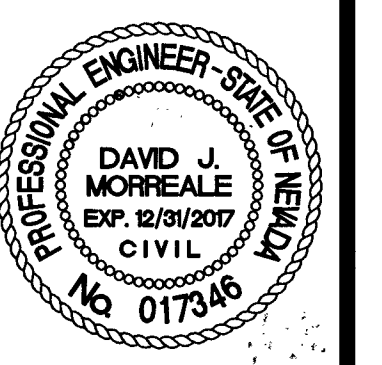
NO.	DATE	SHEET	REVISIONS



DEPARTMENT OF PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT

PREPARED FOR
CITY OF LAS VEGAS
DESIGNED BY: DJM
DRAWN BY: DJM
CHECKED BY: LLD
DATE: 04/25/16
SUBMITTAL STAGE:
100% - FINAL

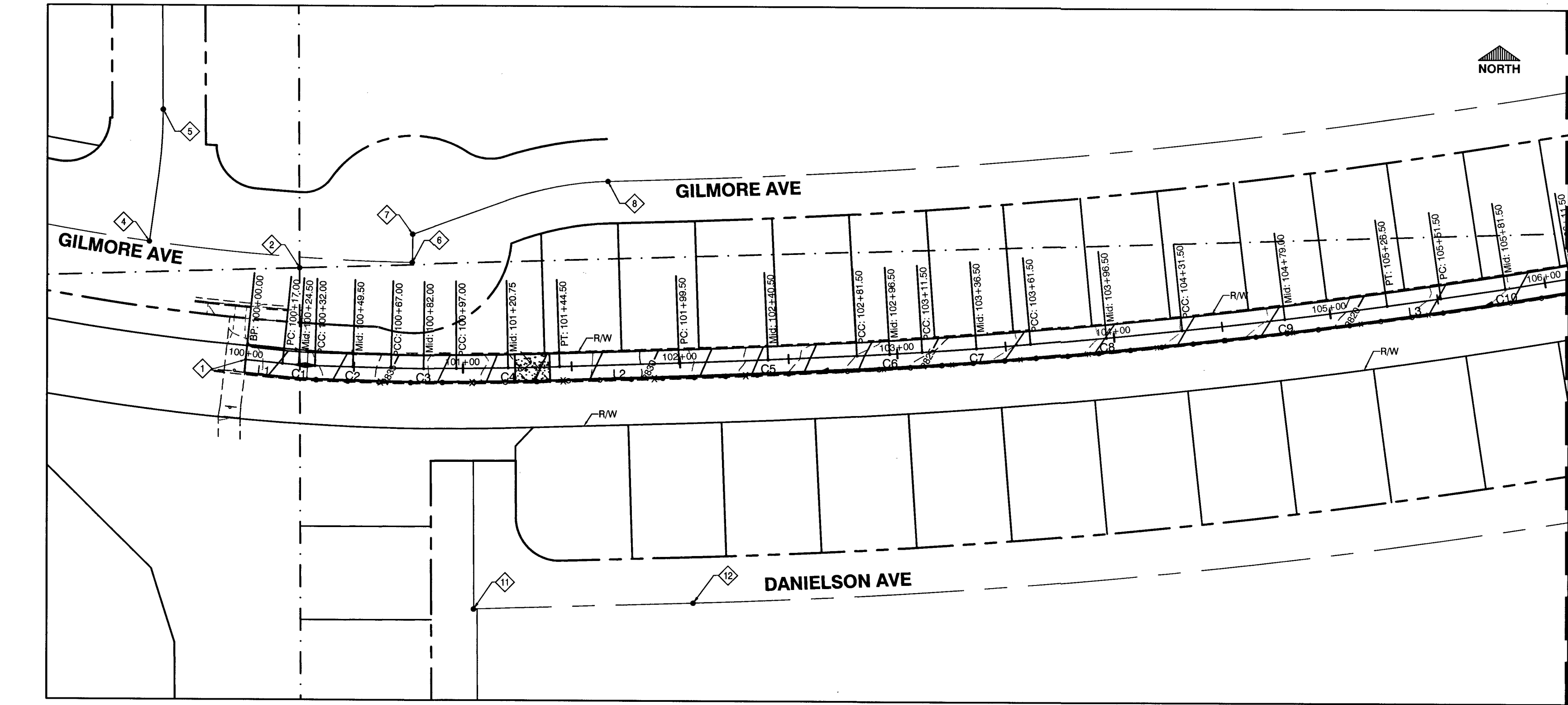
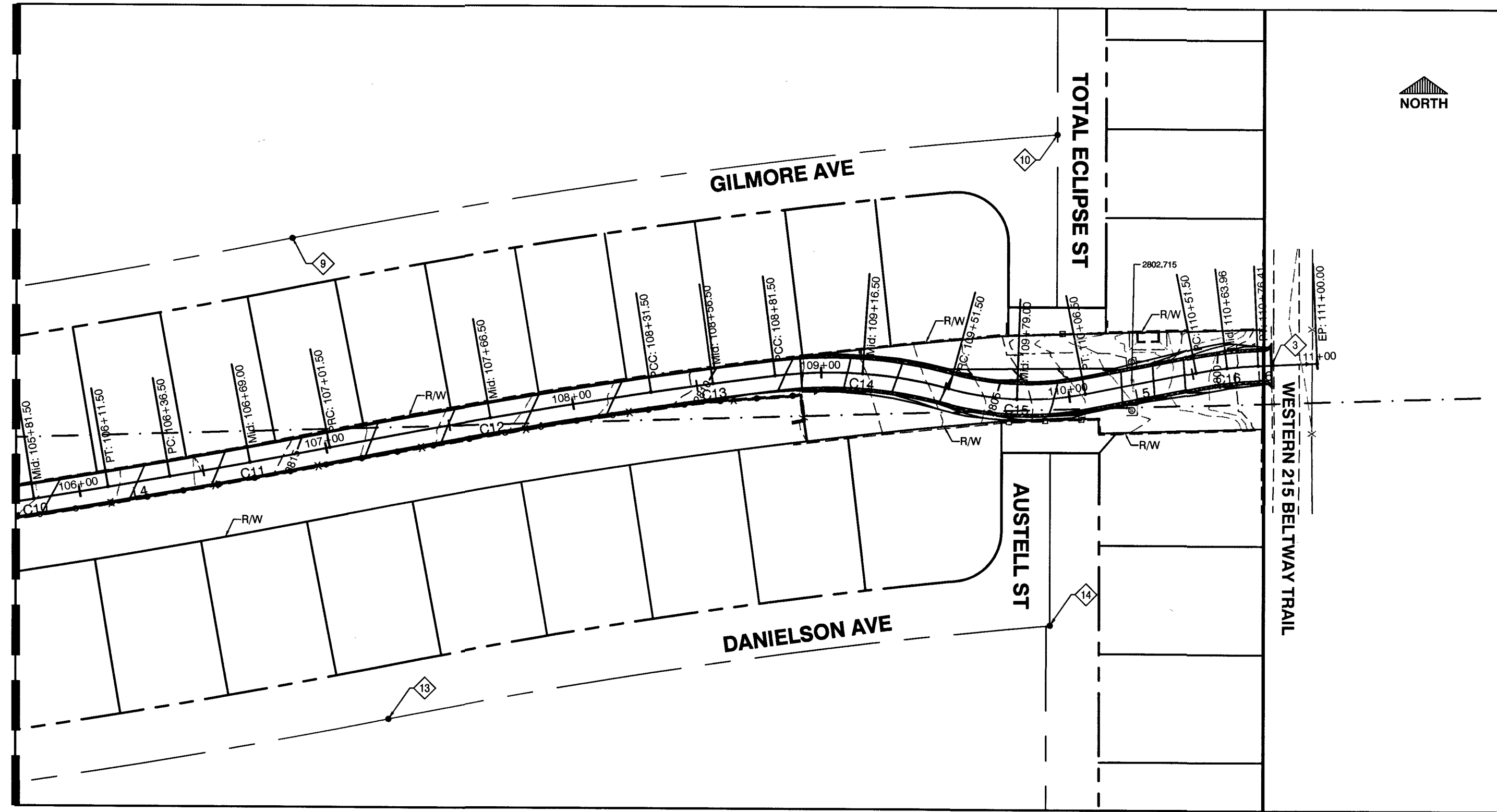
TITLE
GILMORE CHANNEL TRAIL
SHEET
**ADDENDUM 1 - ADD/ALT 1
COVER SHEET**



SHEET
CV
1 OF 8
DRAWING NO.
676-21

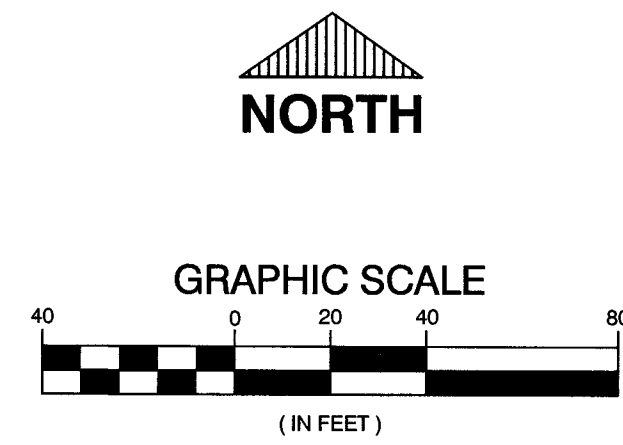
REVISÉD JULY 1, 2014

MATCHLINE A - SEE ABOVE RIGHT



MATCHLINE A - SEE BELOW LEFT

- LEGEND**
- COORDINATE POINT (SEE TABLE)
 - FOUND MONUMENT AS DESCRIBED
 - RIGHT-OF-WAY LINE
 - PROPERTY LOT LINE
 - STREET CENTERLINE
 - SECTION LINE



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
BEFORE YOU OVERHEAD	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
	NV ENERGY	702-227-2929

ALIGNMENT LINE TABLE		
NO.	BEARING	LENGTH
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C16	165.00'	8°40'52"	25.00'	12.52'

COORDINATE POINT TABLE			
1	N 1304833.90	E 877144.62	START OF TRAIL
2	N 1304876.19	E 877169.42	2" ALUMINUM CAP
3	N 1304924.47	E 878217.82	END OF TRAIL
4	N 1304888.14	E 877100.19	2" ALUMINUM CAP
5	N 1304949.09	E 877106.49	2" ALUMINUM CAP
6	N 1304878.92	E 877221.13	1.25" ALUMINUM CAP
7	N 1304891.95	E 877221.36	1.25" ALUMINUM CAP
8	N 1304916.67	E 877311.10	1.25" ALUMINUM CAP
9	N 1304973.46	E 877827.01	1.25" ALUMINUM CAP
10	N 1305016.31	E 878132.24	1.25" ALUMINUM CAP
11	N 1304719.08	E 877249.54	1.25" ALUMINUM CAP
12	N 1304722.25	E 877350.62	1.25" ALUMINUM CAP
13	N 1304781.85	E 877865.70	1.25" ALUMINUM CAP
14	N 1304820.01	E 878129.56	1.25" ALUMINUM CAP

BASIS OF BEARINGS

GRID NORTH AS DEFINED BY THE CENTRAL MERIDIAN OF THE NEVADA COORDINATE REFERENCE SYSTEM (NCRS), LAS VEGAS AND LAS VEGAS HIGH ELEVATION ZONES, NORTH AMERICAN DATUM OF 1983; SAID MERIDIAN BEING COINCIDENT WITH 114°58'00" WEST OF THE GREENWICH MERIDIAN, THE REFERENCE FRAME UTILIZED BEING NAD 1983 (2011) EPOCH 2010.0.

HORIZONTAL DATUM AND COORDINATE SYSTEM

- DATUM & REALIZATION: NAD 1983 (2011) EPOCH 2010.0
- SYSTEM: NEVADA COORDINATE REFERENCE SYSTEM (NCRS)
- ZONE: LAS VEGAS HIGH ELEVATION
- PROJECTION: TRANSVERSE MERCATOR
- STANDARD PARALLEL (AND LATITUDE OF GRID ORIGIN): 36° 15' 00" N
- LONGITUDE OF CENTRAL MERIDIAN: 114° 58' 00" W
- NORTHING AT GRID ORIGIN: 400,000,000 M (1,312,333.3333 SFT)
- EASTING AT CENTRAL MERIDIAN: 300,000,000 M (984,250,000.0 SFT)
- SCALE FACTOR ON CENTRAL MERIDIAN: 1.000135 (EXACT)
- LINEAR UNIT: US SURVEY FOOT (SFT)

BENCHMARK

CITY OF LAS VEGAS BENCHMARK 1LV0912NW6

DESCRIPTION: RIVET AND PLATE IN CONCRETE PAD (NV ENERGY) ON THE SOUTHEAST CORNER OF CLIFF SHADOWS PARKWAY AND GILMORE AVENUE

ELEVATION: 2861.12' (NAVD88 - 2008 CLV ADJUSTMENT)

PREPARED BY
CITY OF LAS VEGAS

DESIGNED BY: DJM
DRAWN BY: DJM
CHECKED BY: LLD

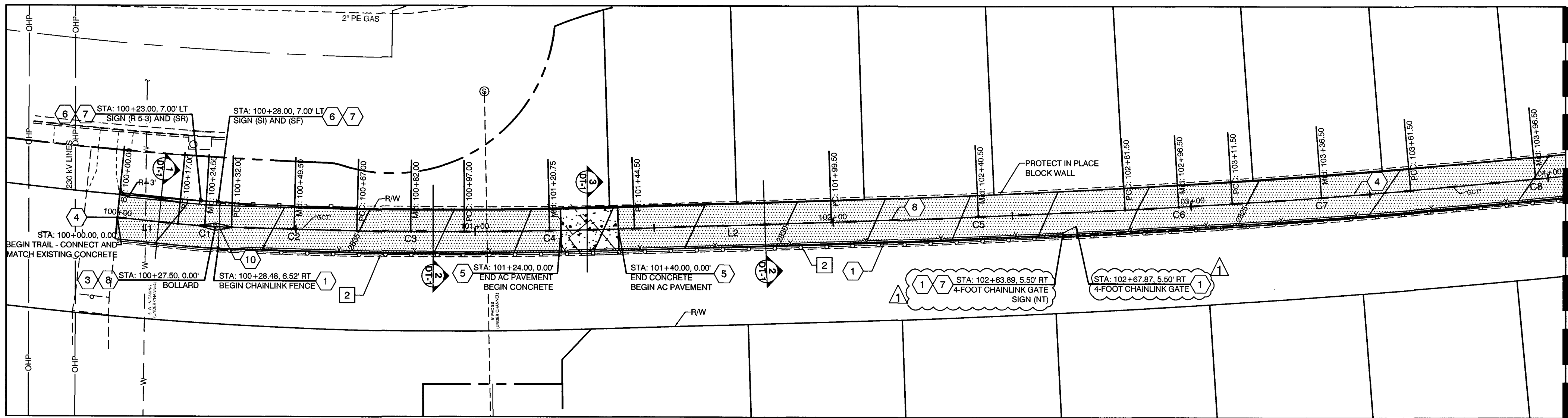
DATE: 04/25/16
SUBMITTAL STAGE: 100% - FINAL

GILMORE CHANNEL TRAIL

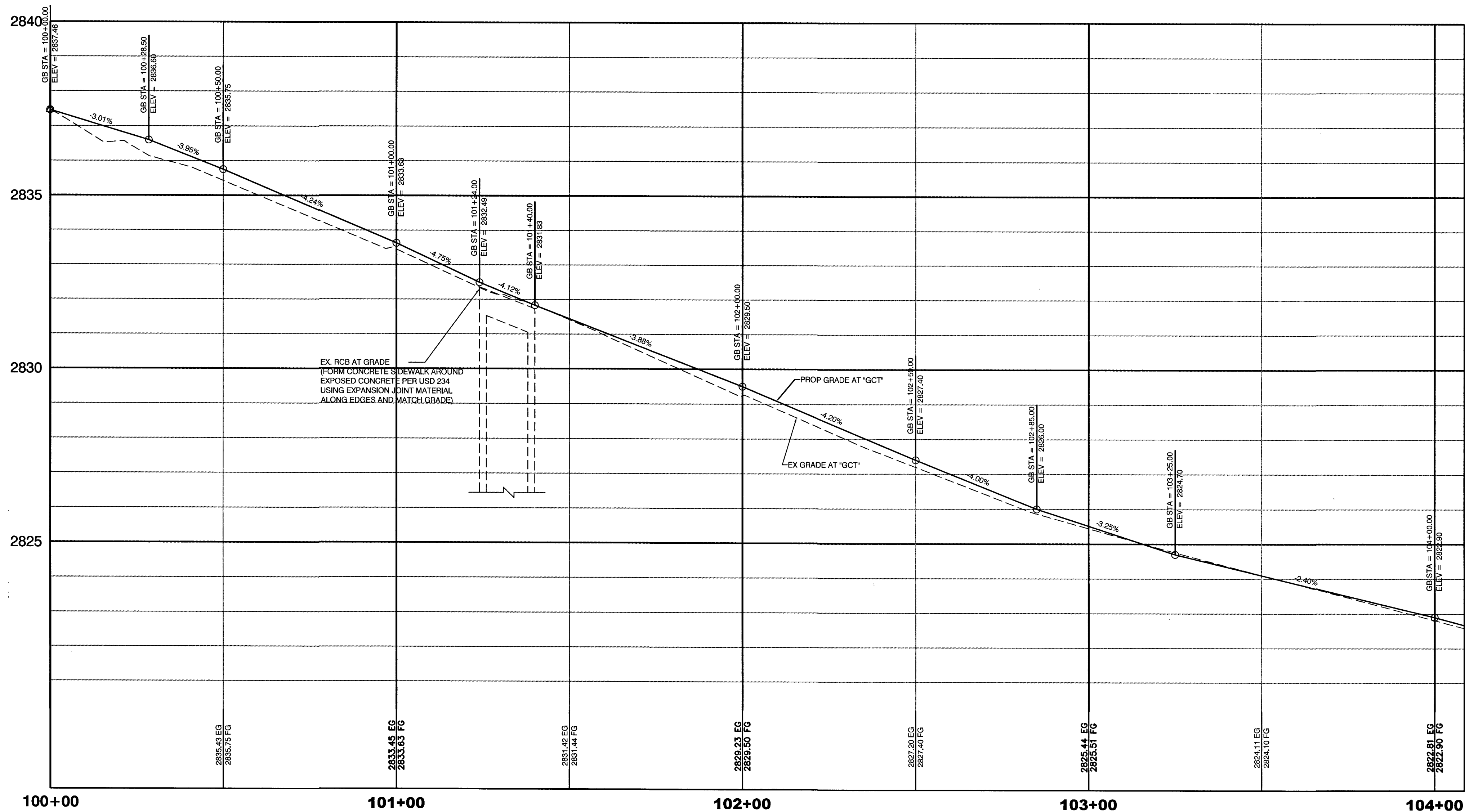
ADDENDUM 1 - ADD/ALT 1
HORIZONTAL CONTROL PLAN

PROFESSIONAL ENGINEER
DAVID J. MORREALE
EXP. 12/31/2017
CIVIL
NO. 017346
5/2/16

HC
4 OF 8
DRAWING NO.
676-21



PLAN VIEW



PROFILE VIEW



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
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ALL EXISTING UTILITIES TO BE PROTECTED IN PLACE

ADDENDUM 1 - ADD/ALT 1
DEMOLITION NOTES

- 1 REMOVE AND SALVAGE 6-FOOT CHAINLINK FENCE
- 2 EXISTING 2-WIRE FENCE ALONG CHANNEL WALL TO REMAIN AND BE PROTECTED IN PLACE

ADDENDUM 1 - ADD/ALT 1
CONSTRUCTION NOTES

- 1 INSTALL 72-INCH CHAINLINK FENCE WITH GATES PER USD DWG 252 AND 253. COORDINATE WITH CLV FIELD STAFF TO MATCH EXST. GATE LOCK COMBINATION.
- 2 INSTALL 66-INCH STEEL TUBE PICKET FENCE (SEE DETAIL 6 ON SHT DT-1, FENCE LENGTH 6-FOOT LT AND 16-FOOT RT OF TRAIL)
- 3 INSTALL COLLAPSIBLE BOLLARD (SEE DETAIL 10 ON SHT DT-1 AND USD DWG 255.4)
- 4 CONSTRUCT 12-FOOT WIDE TRAIL WITH 3-INCH ASPHALT SURFACE OVER 4-INCH TYPE II AGGREGATE BASE (SEE TYPICAL SECTIONS ON SHT DT-1)
- 5 CONSTRUCT 4-INCH CONCRETE SIDEWALK OVER 6-INCH TYPE II AGGREGATE BASE PER USD DWG 234 (SEE TYPICAL SECTION ON SHT DT-1 AND PLACE EXPANSION JOINT MATERIAL ALONG ALL EXISTING CONCRETE SURFACES)
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- 11 PLACE AND COMPACT TYPE II MATERIAL ALONG TRAIL EDGE, 1-FOOT WIDE AND 3-INCH DEEP. GRADE AROUND SEWER MANHOLE COLLAR.

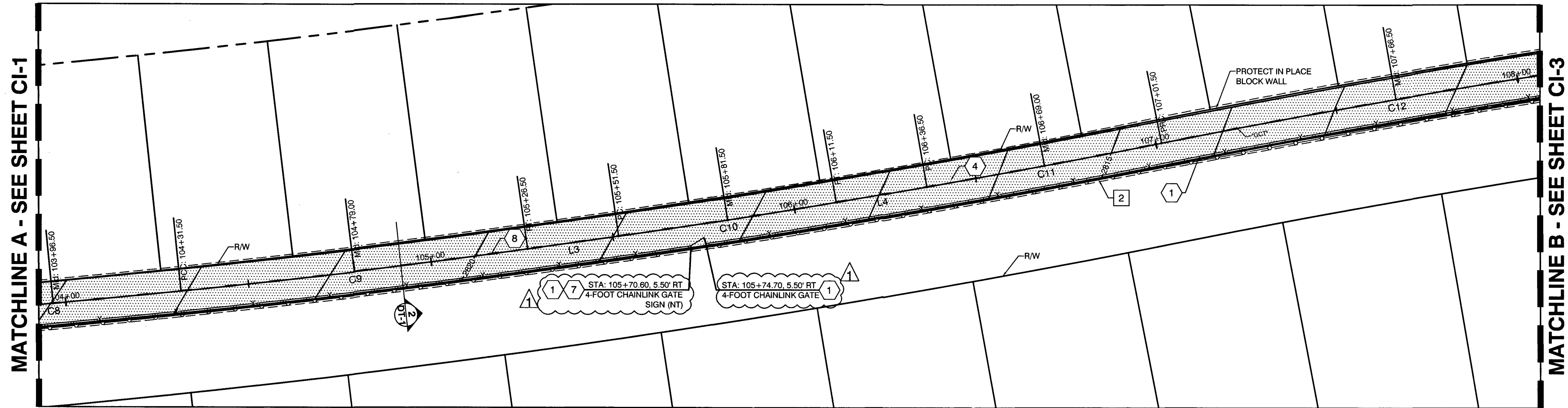
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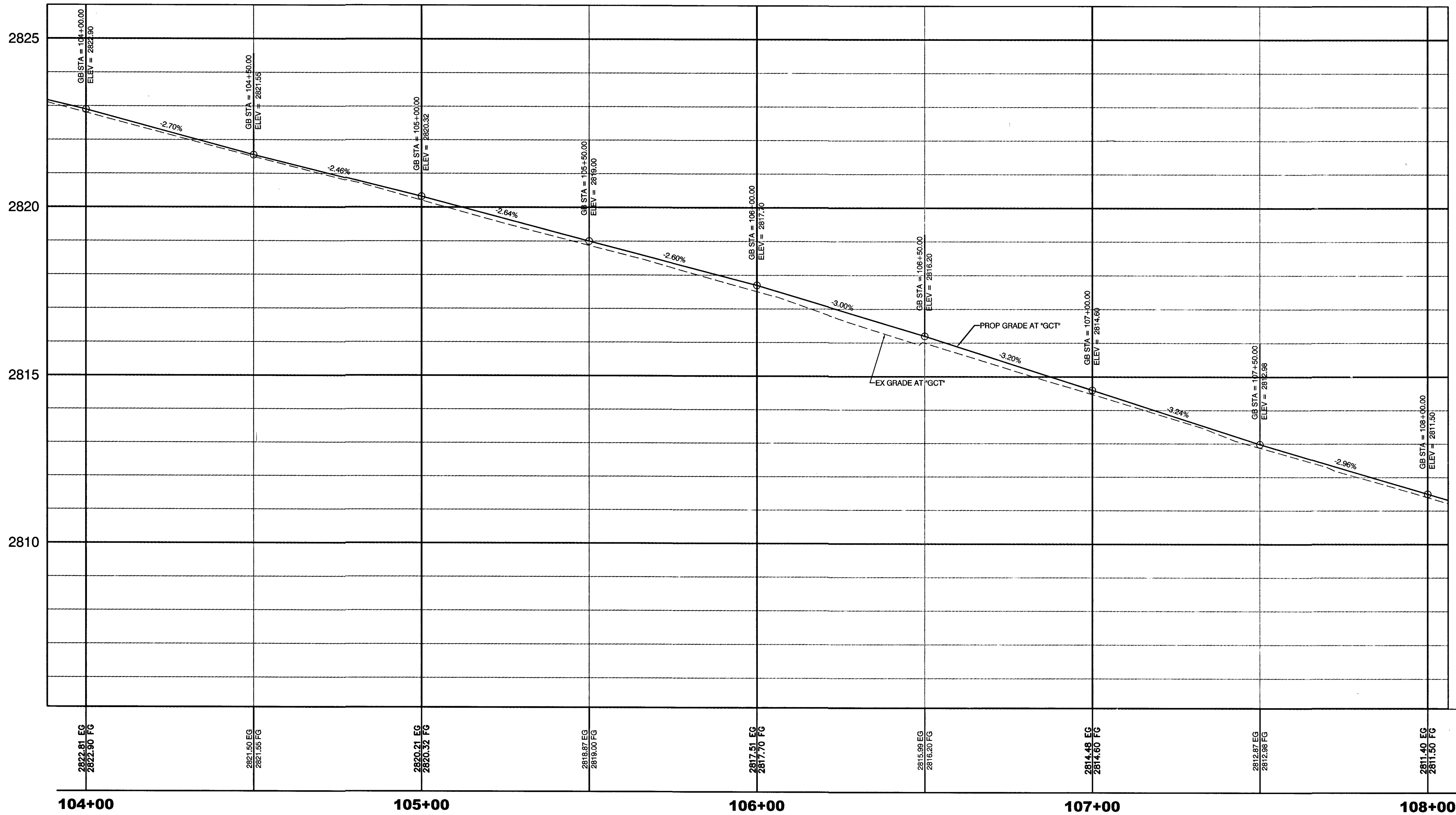
HATCH LEGEND

	ASPHALT SURFACE
	CONCRETE SURFACE
	TYPE II AGGREGATE SURFACE

PREPARED BY	DESIGNED BY	DRAWN BY	CHECKED BY
CITY OF LAS VEGAS			
BID#	15.47514	DATE	05/18/16
H#	57281	SUBMITTAL STAGE	100% - FINAL
GILMORE CHANNEL TRAIL			
ADDENDUM 2 - ADD/ALT 1 CIVIL CONSTRUCTION PLAN			
SHEET			
CI-1			
5 OF 8			
DRAWING NO.			
676-21			



PLAN VIEW



PROFILE VIEW



CALL BEFORE CONSTRUCTION		
BEFORE YOU DIG	USA NORTH	811 OR 800-227-2600
BEFORE YOU UNDERGROUND	F.A.S.T.	702-432-5300
	CLARK COUNTY TRAFFIC OPERATIONS	702-455-7511
	CITY OF LAS VEGAS T.E.F.O.	702-229-6611
BEFORE YOU OVERHEAD	NV ENERGY	702-227-2929

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- ASPHALT SURFACE
- CONCRETE SURFACE
- TYPE II AGGREGATE SURFACE

PREPARED BY
CITY OF LAS VEGAS
H# 57281
DATE: 05/18/16
SUBMITTAL STAGE:
100% - FINAL

DESIGNED BY: DJM
DRAWN BY: DJM
CHECKED BY: LLD

GILMORE CHANNEL TRAIL
ADDENDUM 2 - ADD/ALT 1
CIVIL CONSTRUCTION PLAN

PROFESSIONAL ENGINEER - CIVIL
DAVID J. MORREALE
EXP. 12/31/2017
NO. 017345
5/16/16

CI-2
6 OF 8
DRAWING NO.
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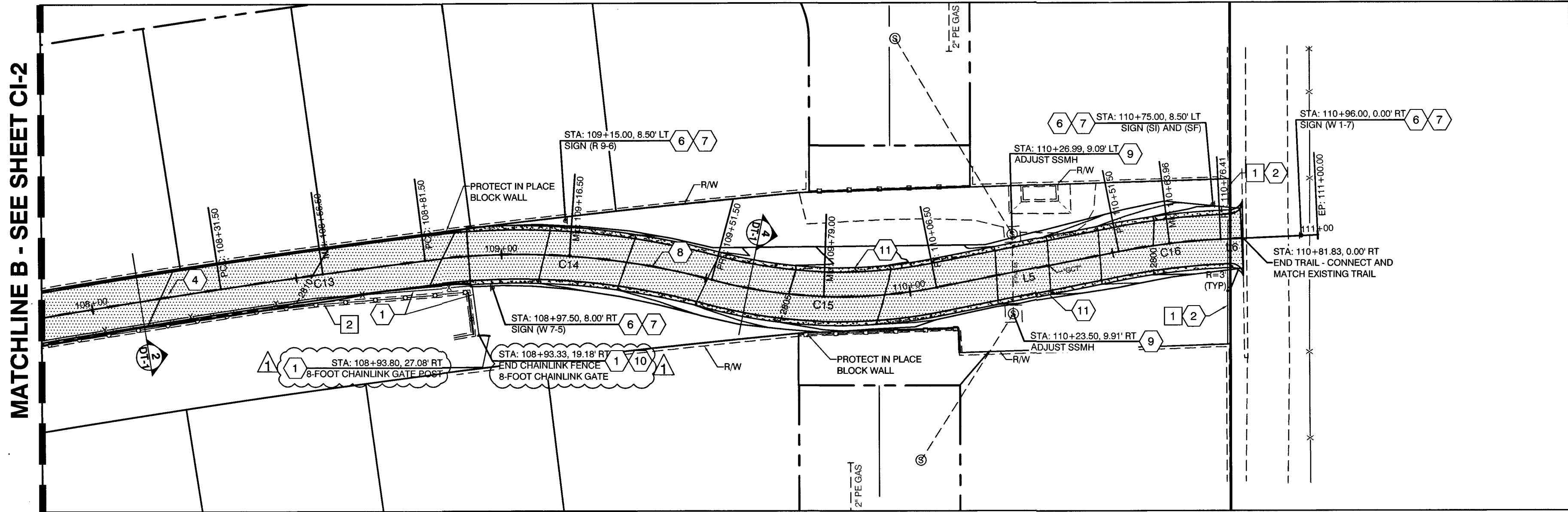
105/18/16 MOVE 72" CHAIN LINK FENCE OFF CHANNEL WALL

1

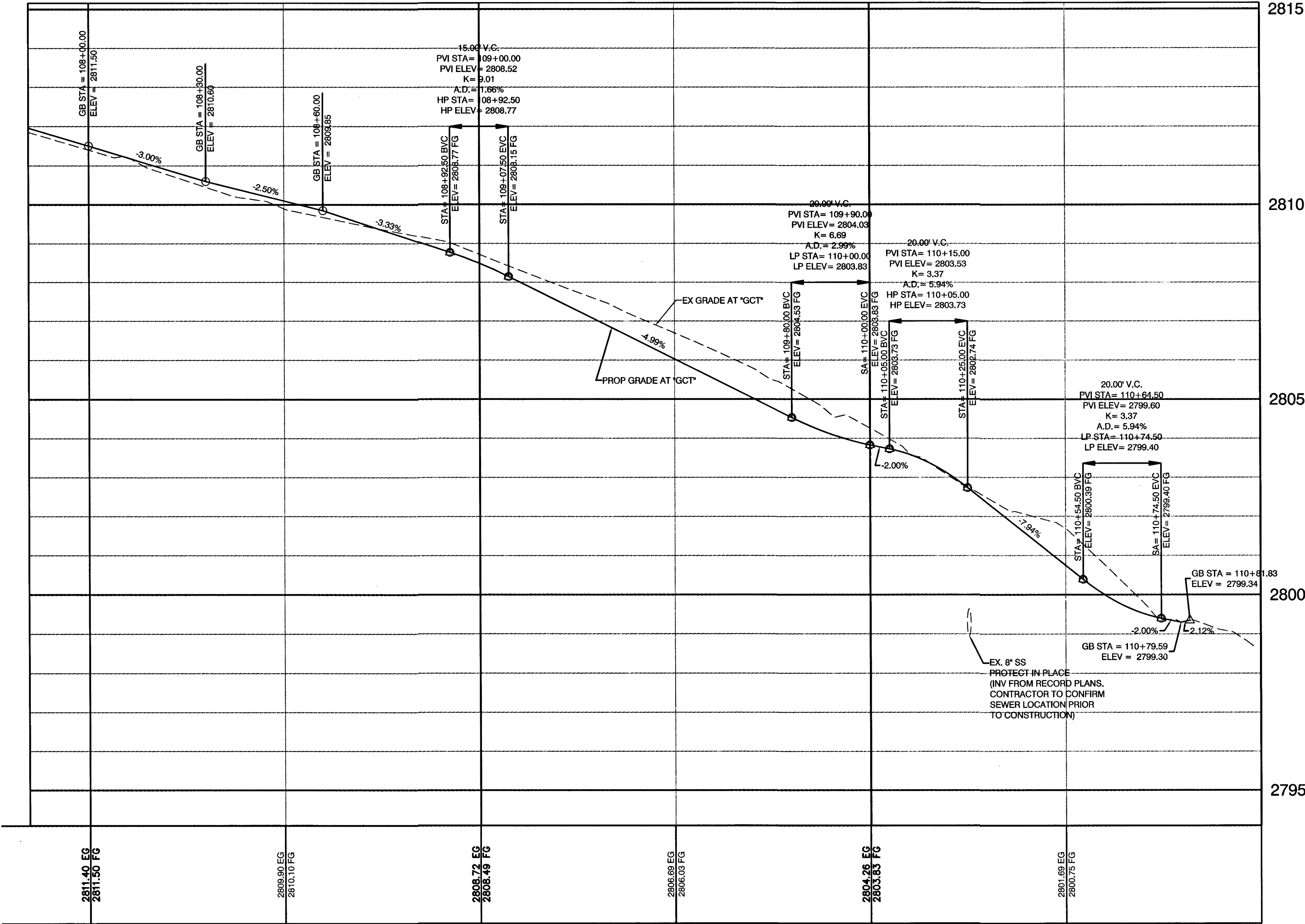
NO. DATE

REVISIONS

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CAPITAL PROJECT MANAGEMENT



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HATCH LEGEND	
	ASPHALT SURFACE
	CONCRETE SURFACE
	TYPE II AGGREGATE SURFACE

PREPARED BY

CITY OF LAS VEGAS

DESIGNED BY: DJM

DRAWN BY: DJM

CHECKED BY: LLD

100% - FINAL

REVISIONS

NO.	DATE	REVISIONS

DEPARTMENT OF PUBLIC WORKS
CAPITAL PROJECT MANAGEMENT

GILMORE CHANNEL TRAIL

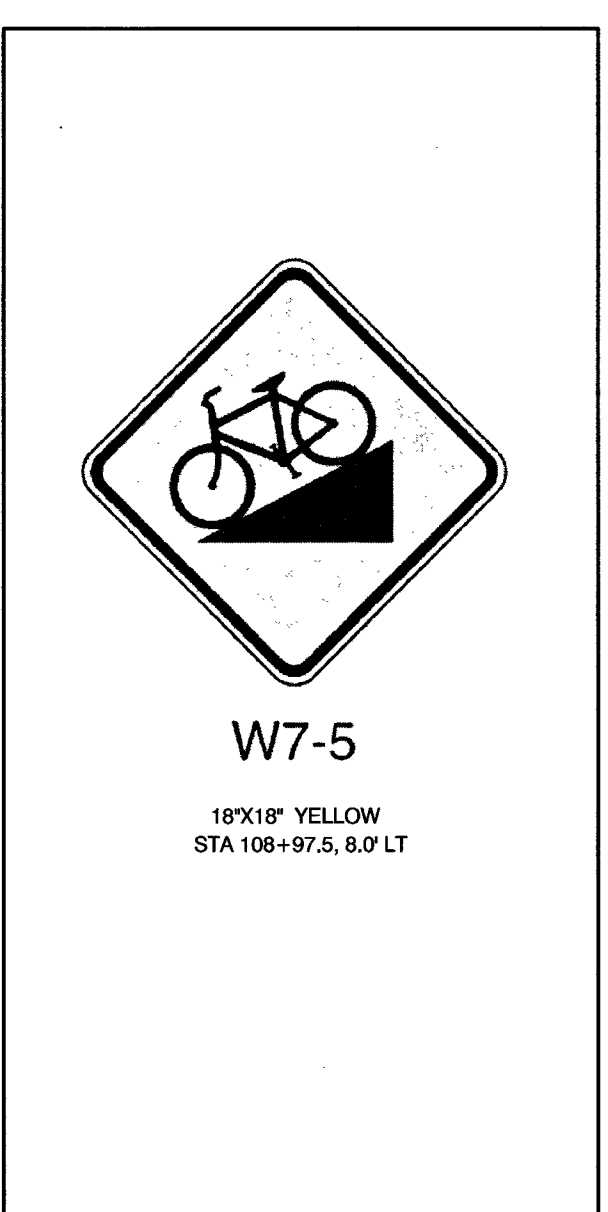
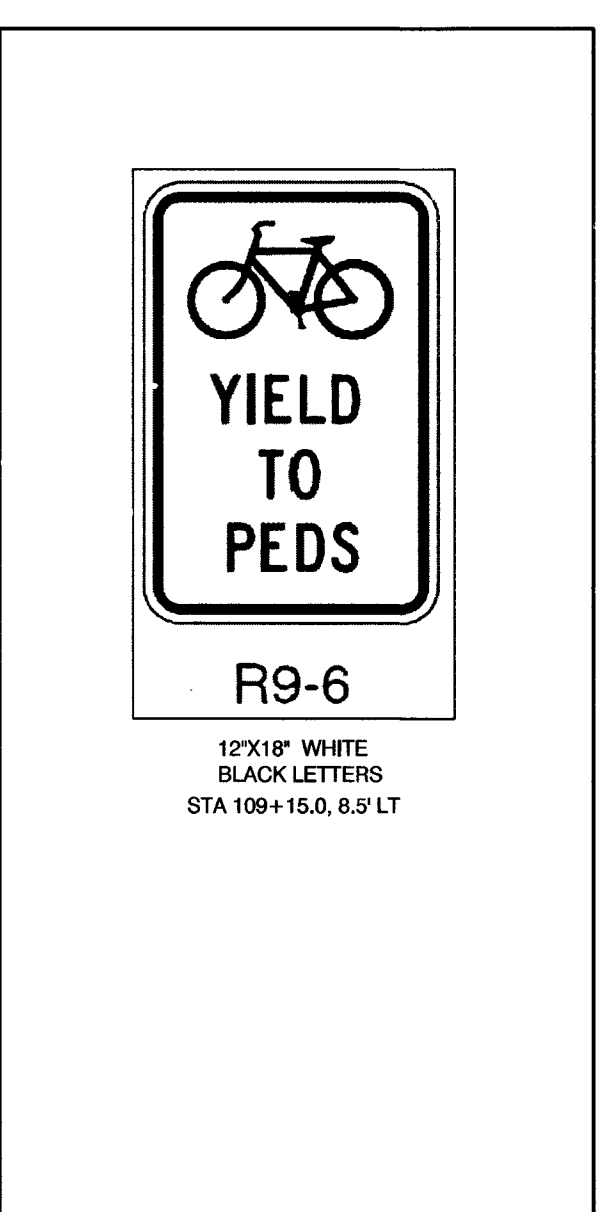
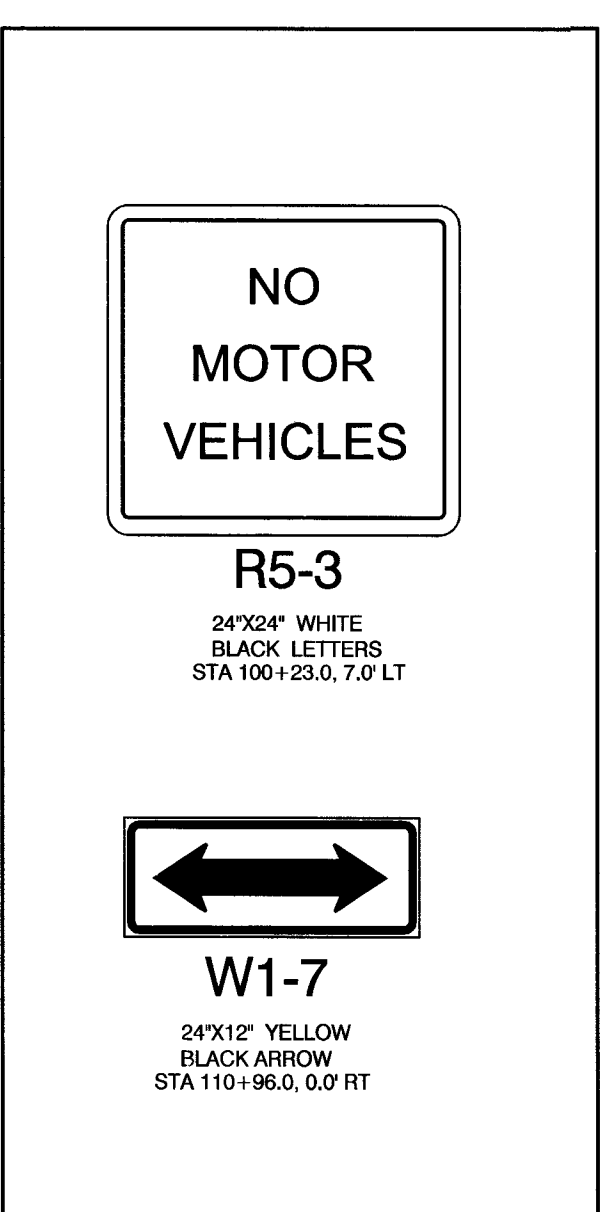
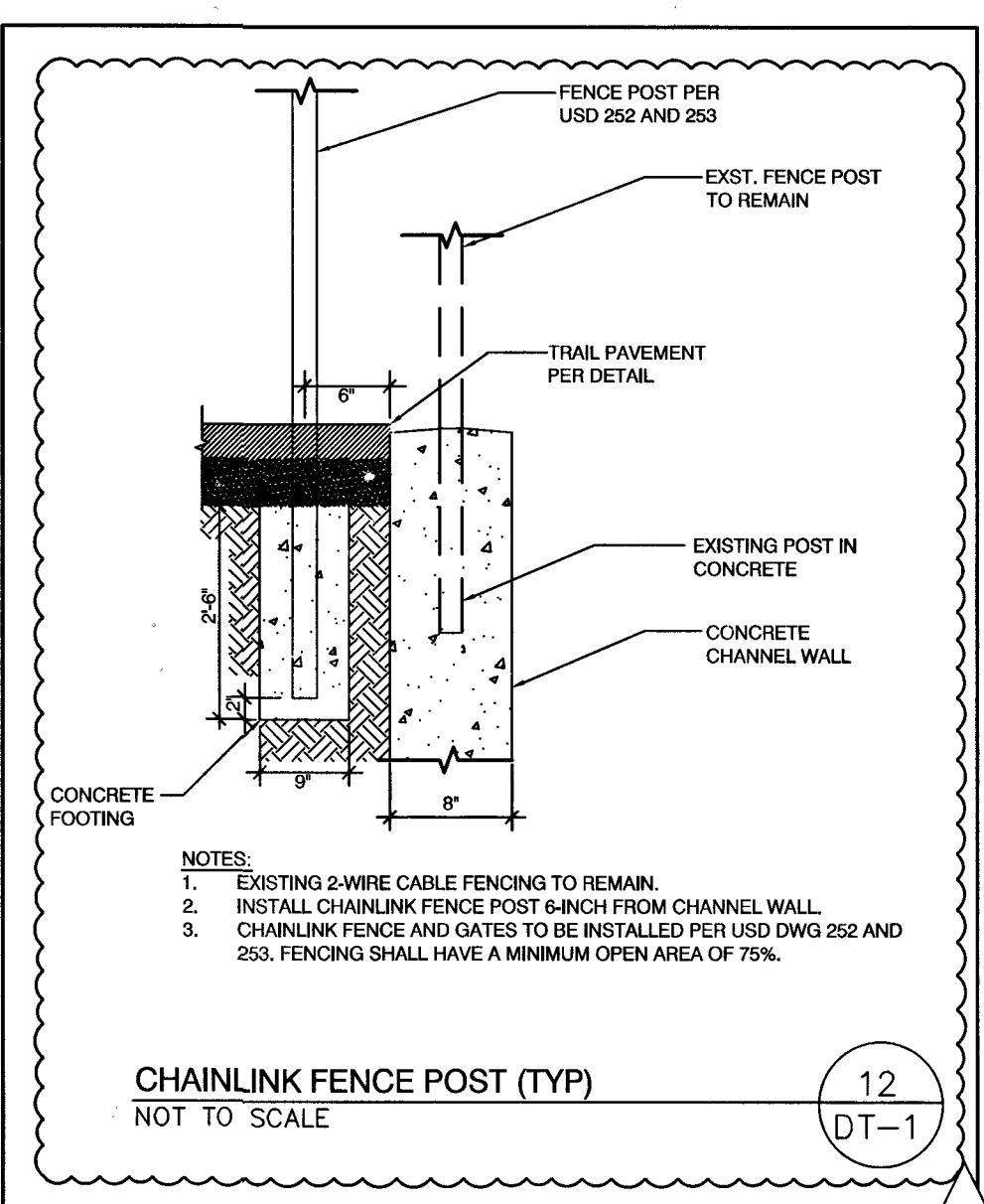
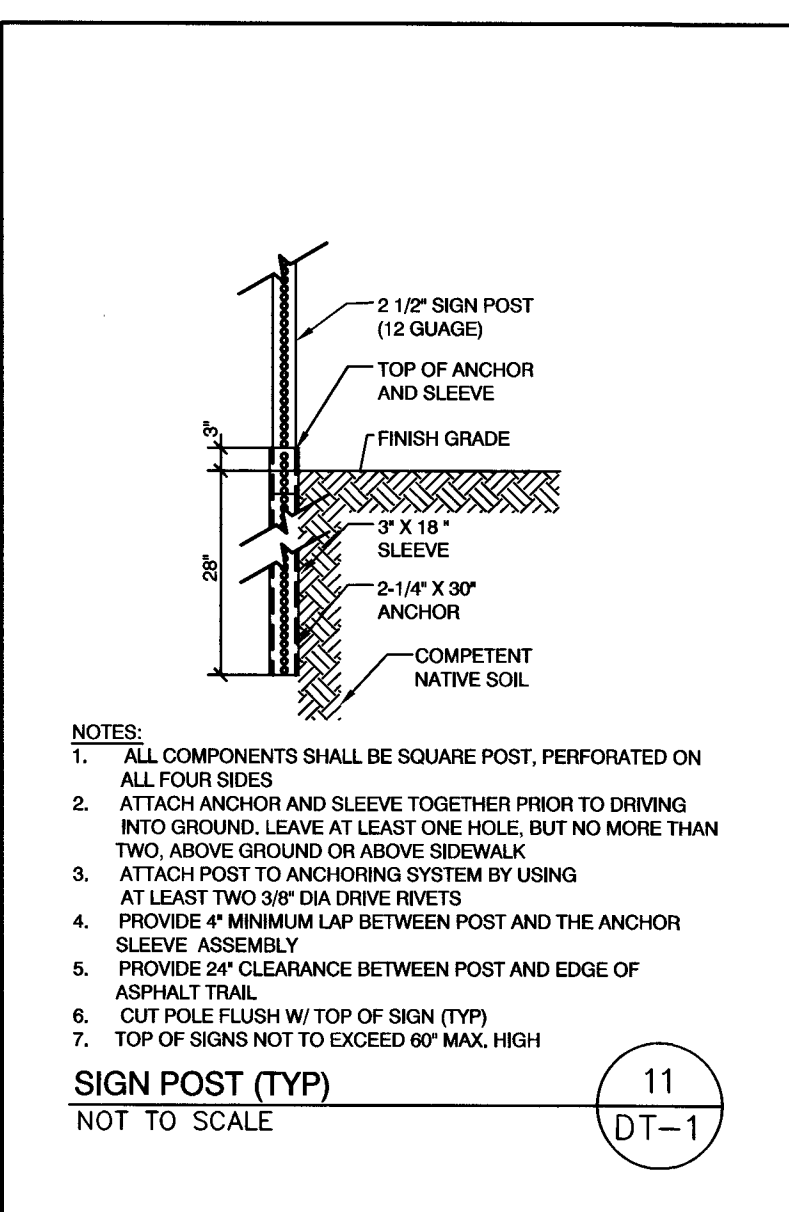
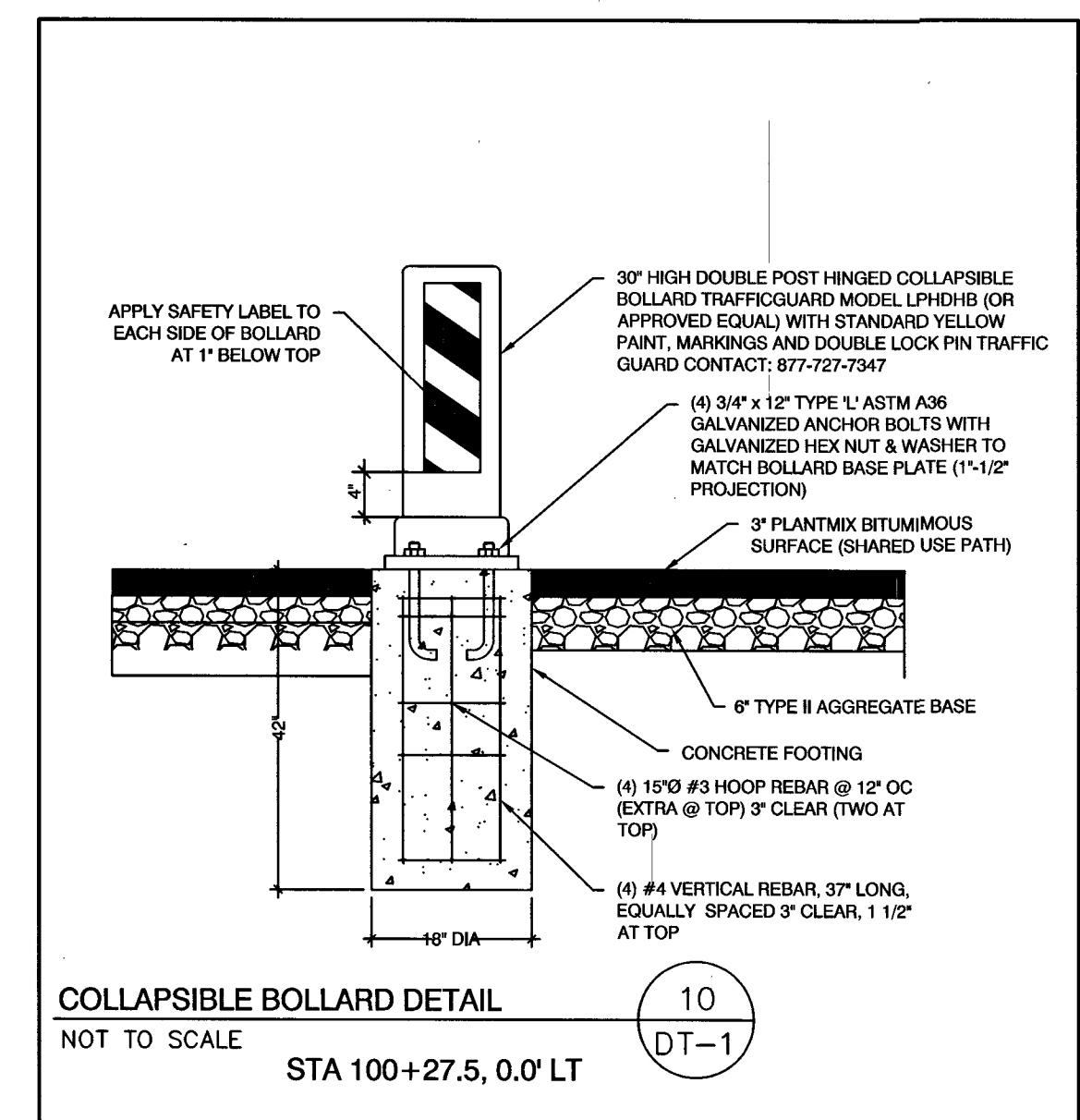
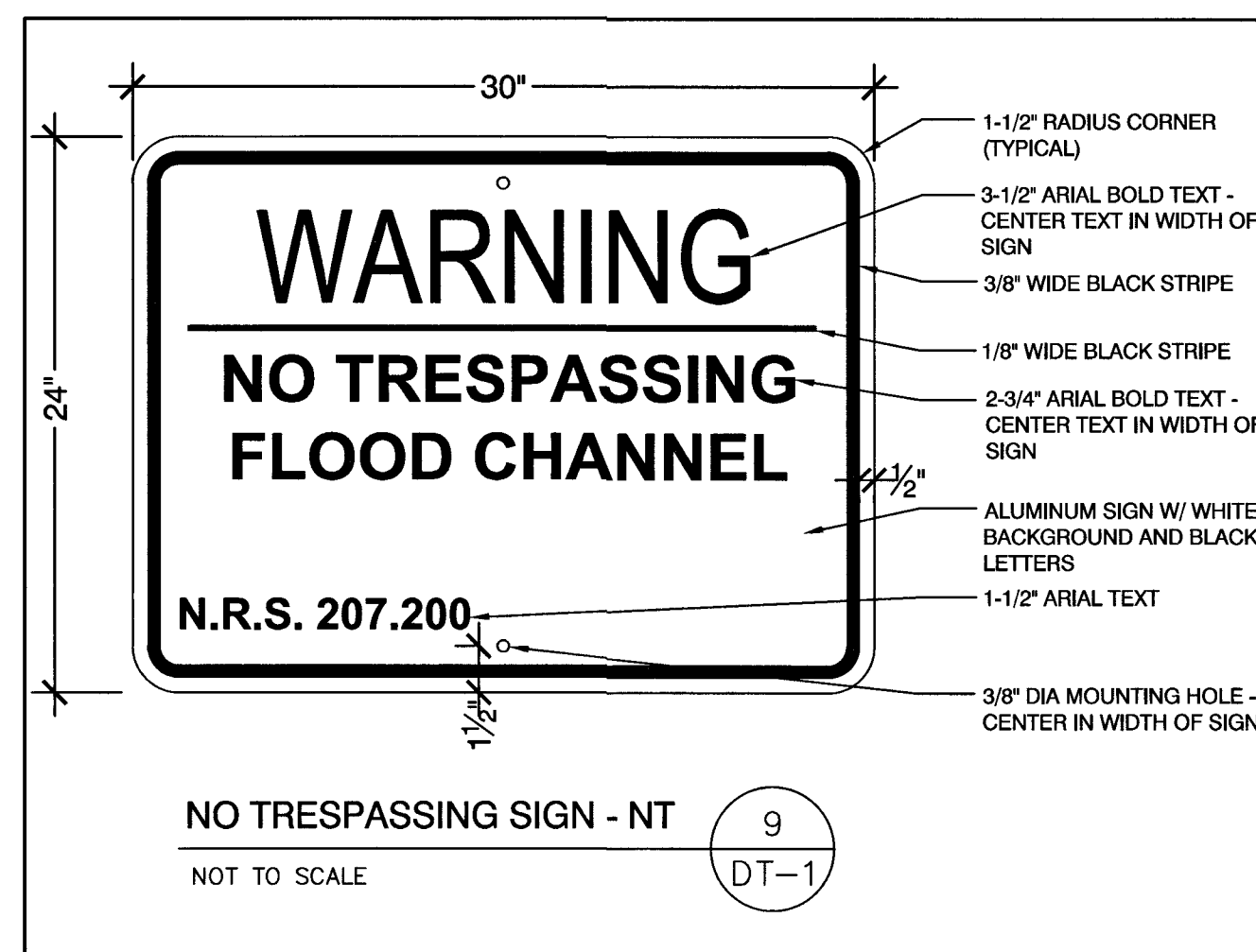
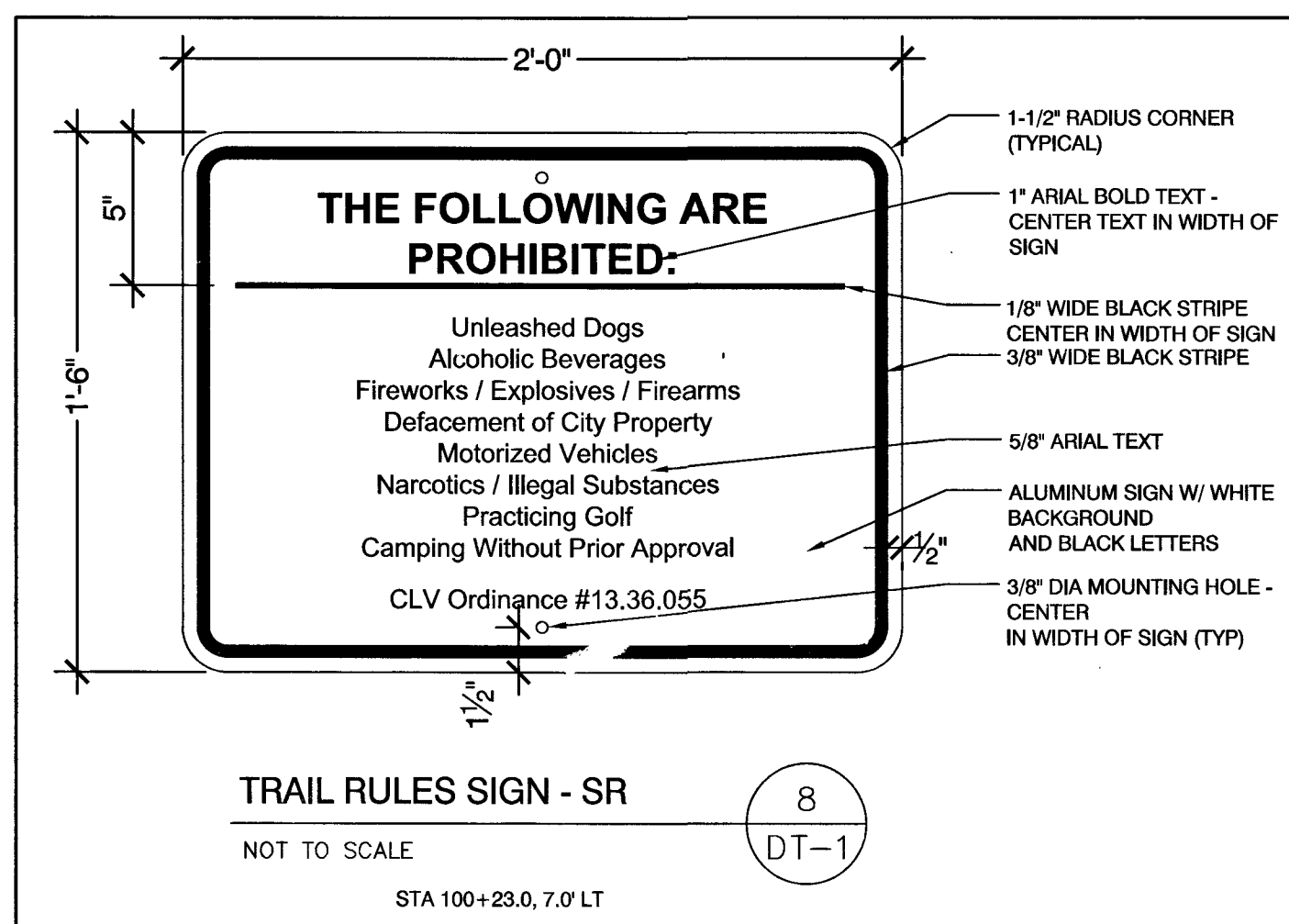
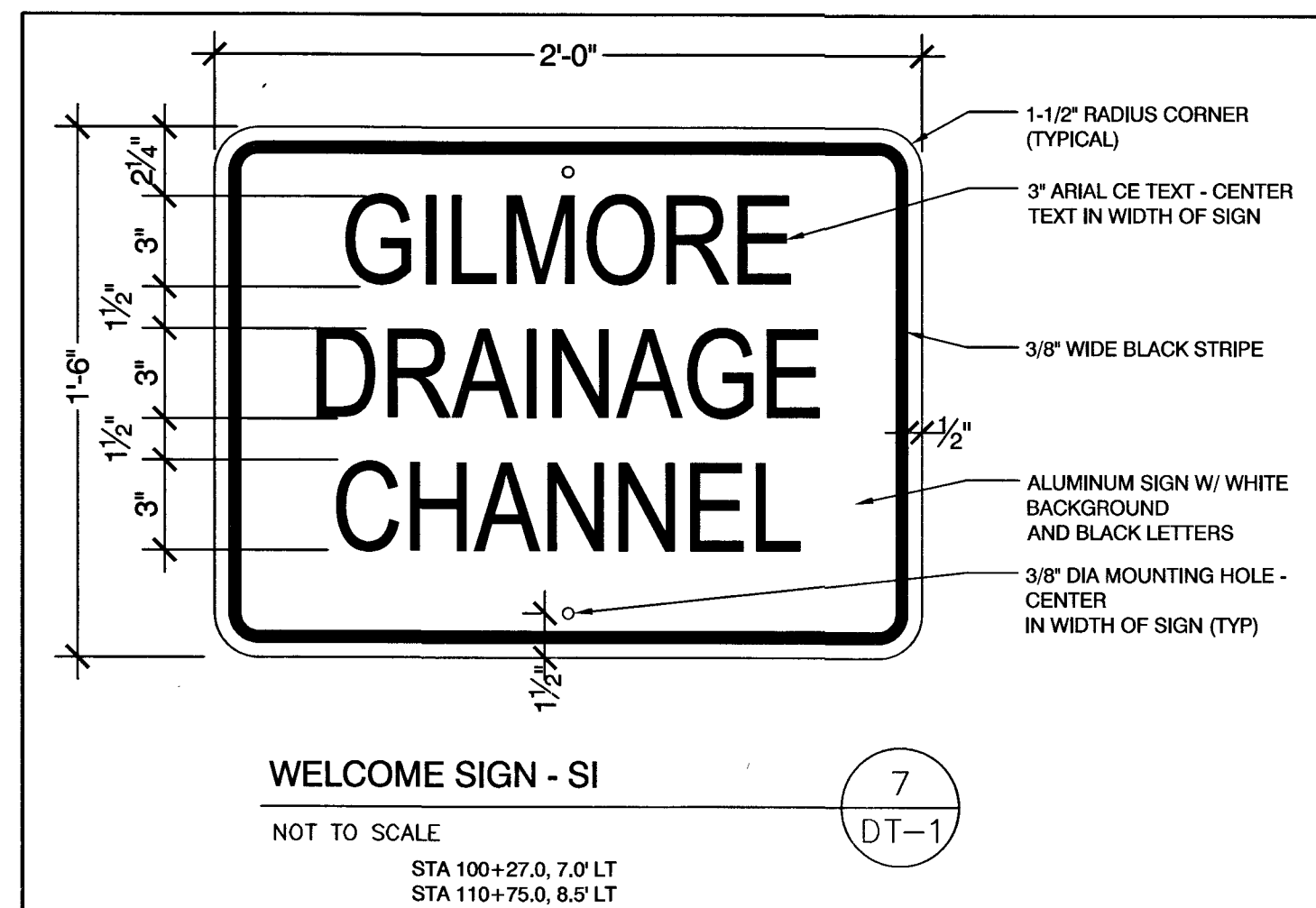
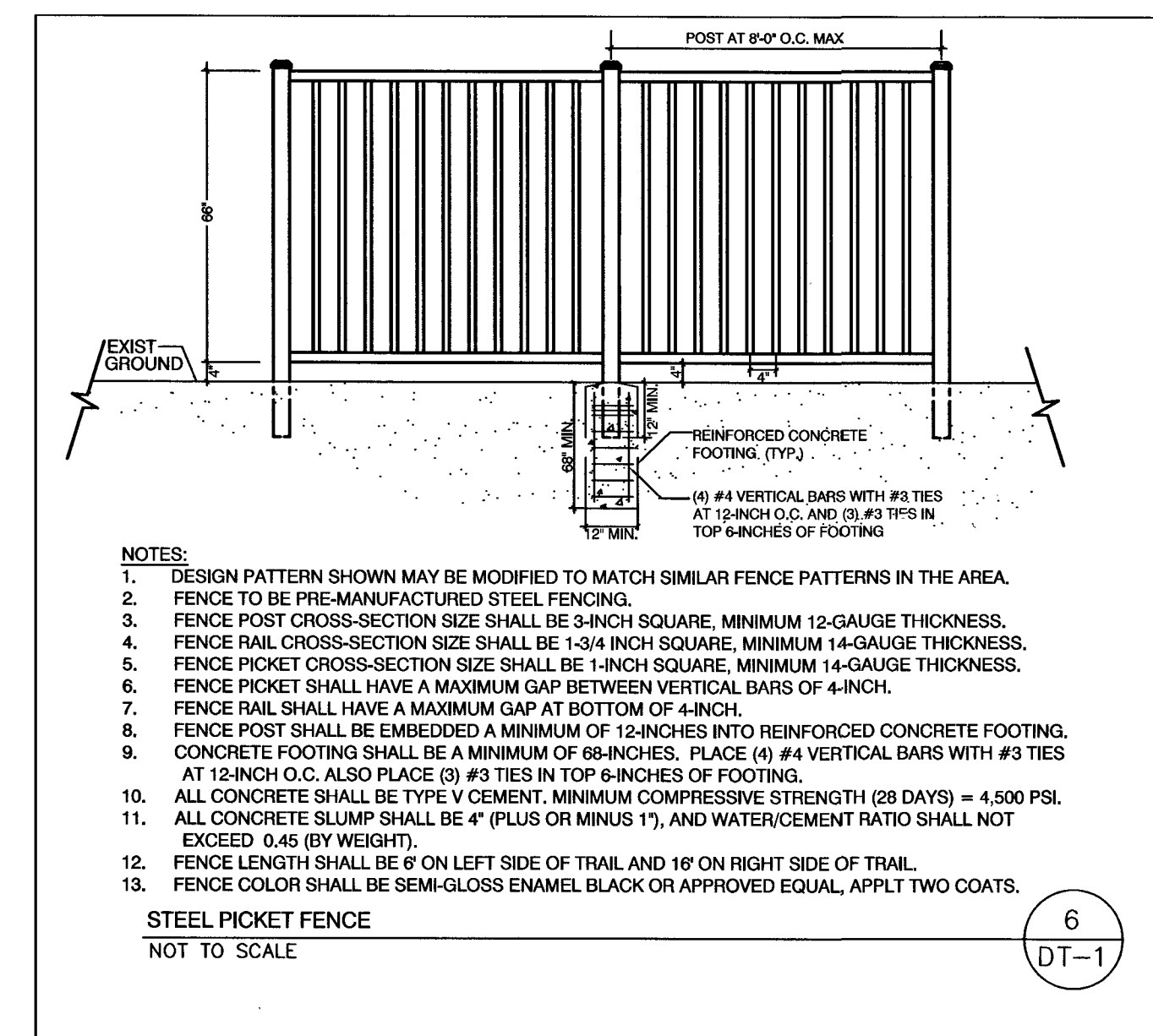
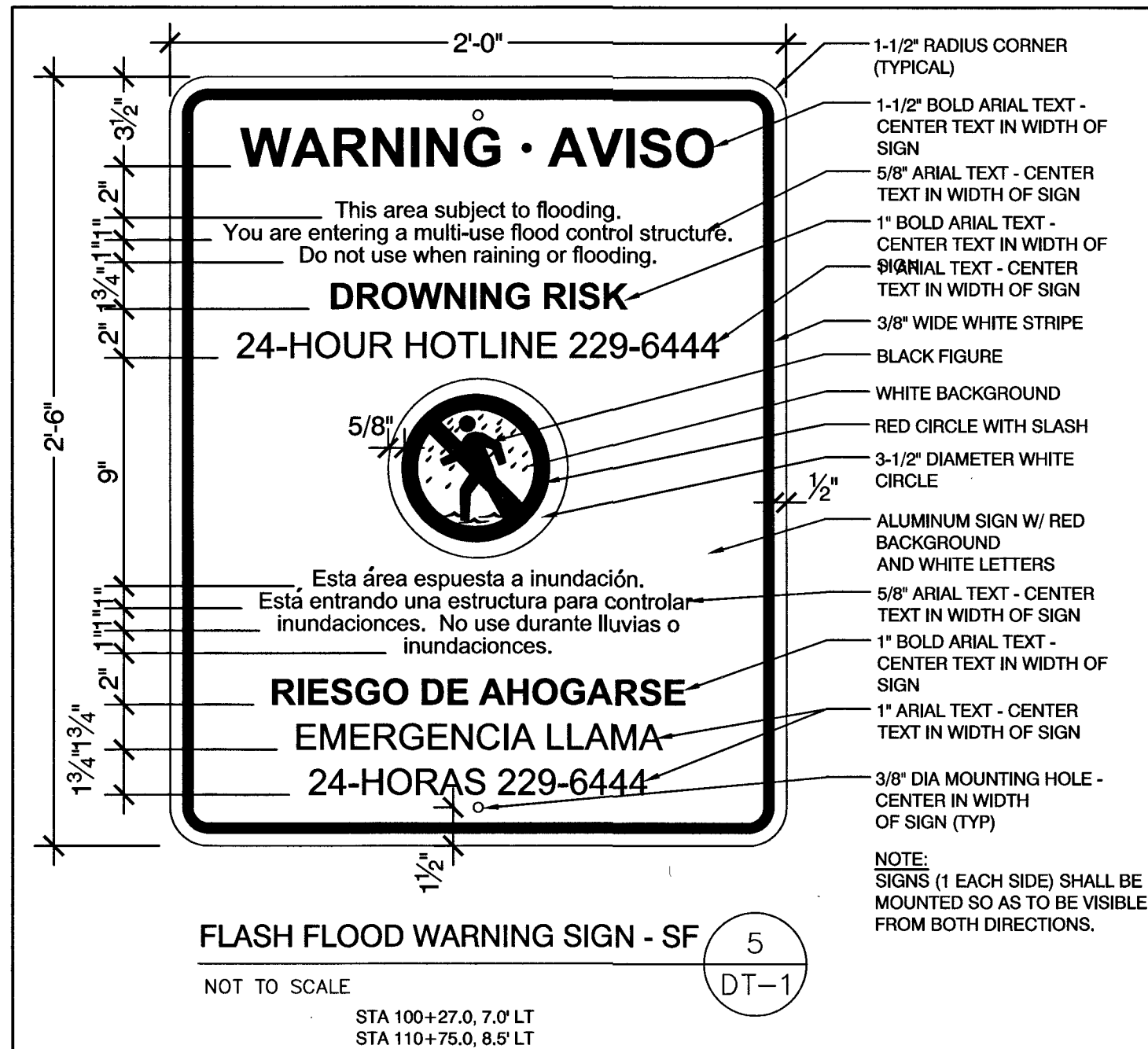
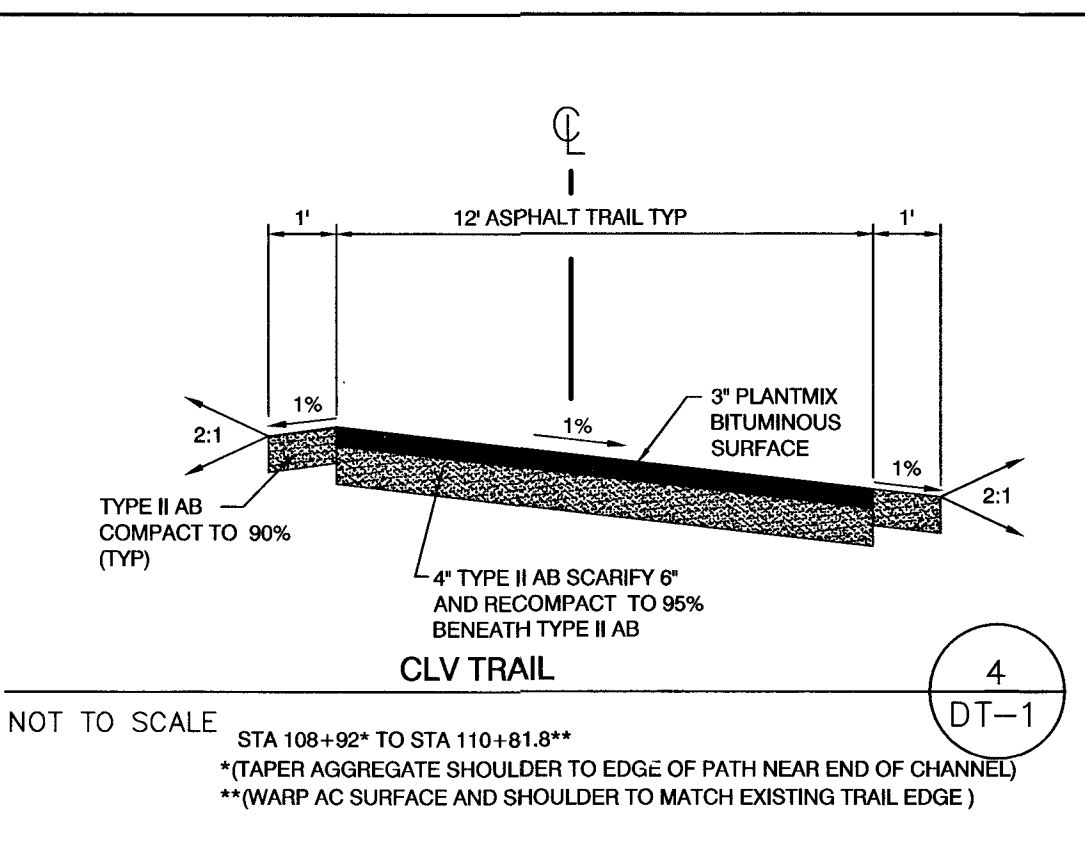
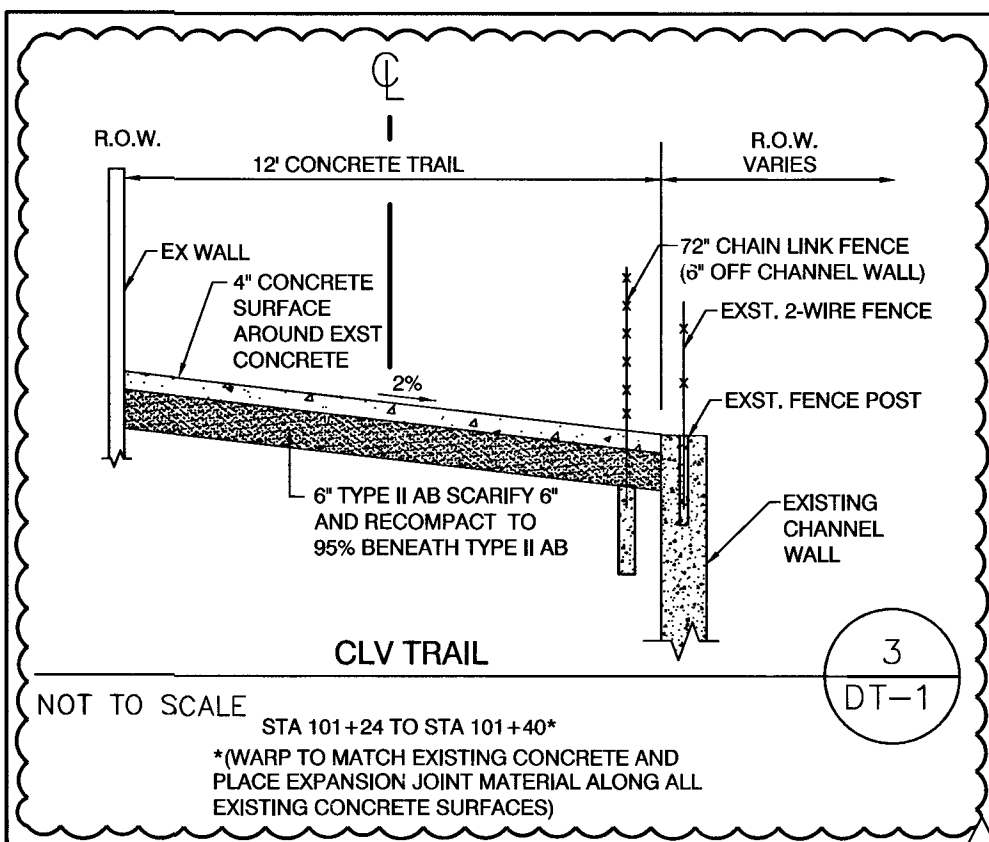
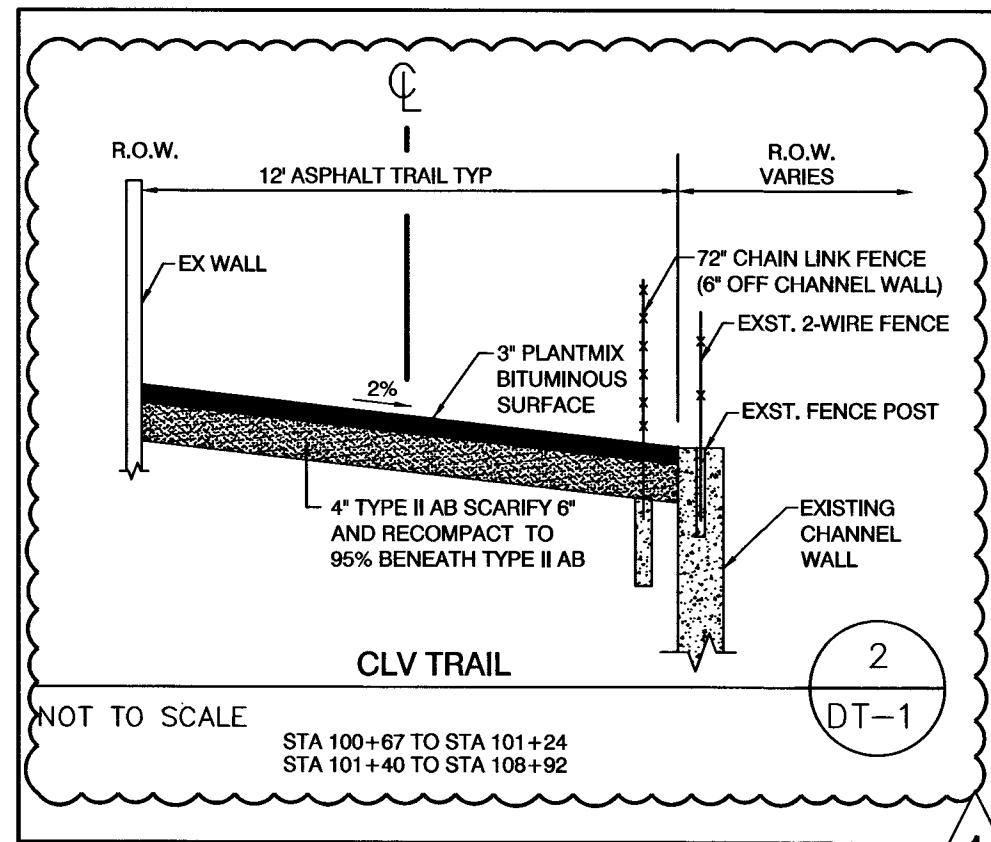
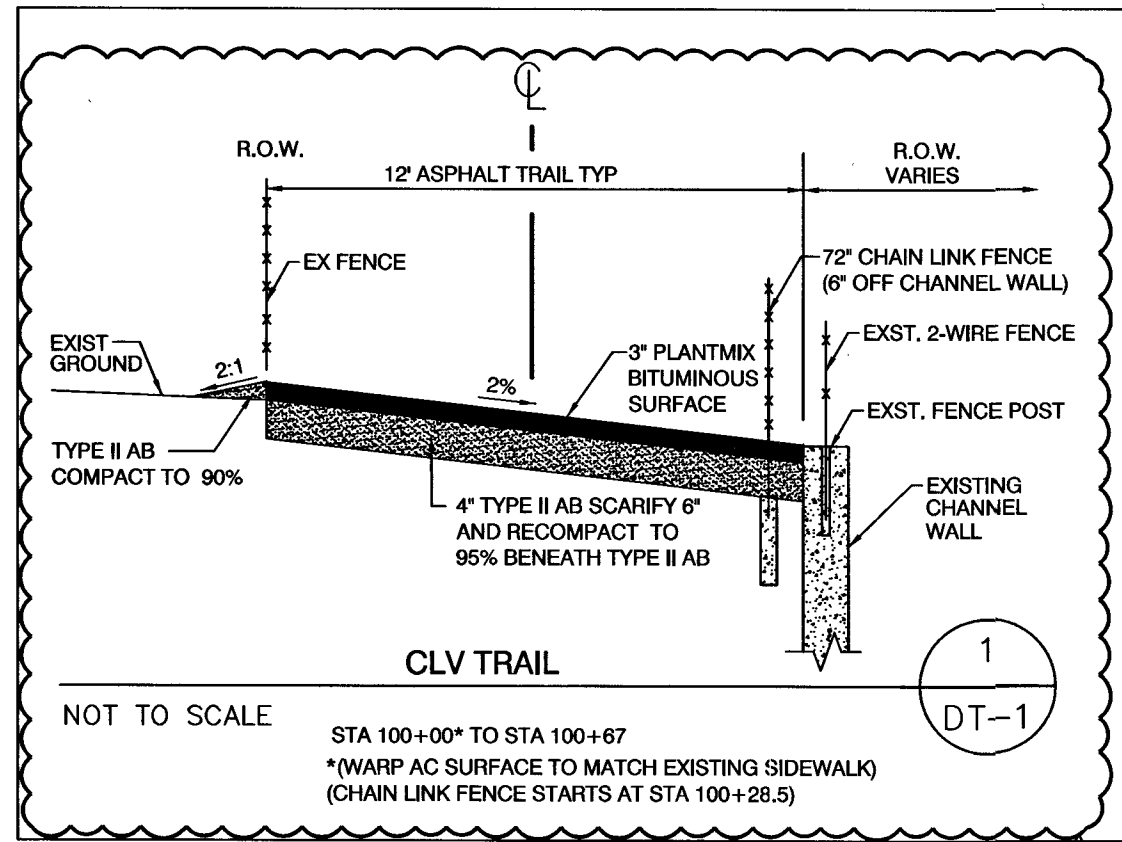
DAVID J. MORFALLE
PROFESSIONAL ENGINEER - CIVIL
No. 017346
Exp. 12/31/2017

SHEET

CI-3

7 OF 8

DRAWING NO.
676-21



CITY OF LAS VEGAS		DESIGNED BY: D.M.		CHECKED BY: L.L.D.	
H# 57281		DATE: 05/18/16		SUBMITTAL STAGE: 100% - FINAL	
PREPARED FOR: CITY OF LAS VEGAS		DESIGNED BY: D.M.		CHECKED BY: L.L.D.	
H# 57281		DATE: 05/18/16		SUBMITTAL STAGE: 100% - FINAL	
GILMORE CHANNEL TRAIL		ADDENDUM 2 - ADD/ALT 1		DETAIL SHEET	
SHEET		DT-1		8 OF 8	
DRAWING NO. 676-21		REVISIONS		NO. DATE	